



09/390,228

PATENT

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#14(Amt)  
CIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: UNO et al. Examiner: M. ANGEBRANNDT  
Serial No.: 09/390,228 Group Art Unit: 1756  
Filed: SEPTEMBER 3, 1999 Docket No.: 10873.274US11  
Title: OPTICAL INFORMATION RECORDING MEDIUM, PRODUCING  
METHOD THEREOF AND METHOD OF RECORDING/ERASING/  
REPRODUCING INFORMATION

CERTIFICATE UNDER 37 CFR 1.10:

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D.C. 20231.

By: 

Name: Chris Stordahl

**RECEIVED**AMENDMENT

MAR 11 2002

Commissioner for Patents  
Washington, D.C. 20231**BEST AVAILABLE COPY TC 1700**

Dear Sir:

In response to the Office Action of August 31, 2001, please amend this application as indicated herein.

In the Claims

Please amend the claims as indicated.

- SUB E1
1. (Amended) An optical information recording medium comprising a substrate and a multilayer film, the multilayer film comprising:
- a barrier layer;
  - a first protective layer; and
  - a recording layer generating a reversible phase-change which can be optically detected according to an irradiation of an energy beam;
- wherein said barrier layer is formed between said first protective layer and said recording layer and in contact with said first protective layer and said recording layer, and includes one selected from the group consisting of GeN and GeNO and at least one element selected from the